ಬೆವಿಕಂ
BESCOM
ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿ ನಿಯಮಿತ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಂಪೂರ್ಣ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)
Bangalore Electricity Supply Company Limited

Tel No: 080- 22252128
Email: gmqs@bescom.co.in

ಸ್ವಾತಂತ್ರ್ಯದ ಅಮೃತ ಮಹೋತ್ಸವ

ಪ್ರಧಾನ ವ್ಯವಸ್ಥಾಪಕರು(ವಿ)
ಗುಣಮಟ್ಟ, ಪ್ರಮಾಣಿತ & ಸುರಕ್ಷತೆ
ಕಂಪನಿ ಕಾರ್ಯಾಲಯ, ಬೆವಿಕಂ, ಕೆ.ಆರ್.ವೃತ್ತ,
ಬೆಂಗಳೂರು-01.

ಸಂಖ್ಯೆ: ಬೆವಿಕಂ/ಬಿಸಿ-35/ಪ್ರವ್ಯ(ವಿ)/ಗು,ಪ್ರ&ಸು/ಉಪ್ರವ್ಯ-3/ಸಪ್ರವ್ಯ-1/2024-25/ 4073 14 MAR 2025

Truck Mounted Crane with Detachable Man Basket & Earth Auger with a lifting weight of Min 3.7T Load at an outreach of 5Mtrs. Operational Requirement:

Sl. No.	Particulars	Specification
1	Minimum Working Height	Min. 13m
2	Minimum Height to Cage Floor	Min. 12m
3	Horizontal Outreach at above working height	Min. 8m
4	Safe working load (cage)	Min. 200Kg
5	Cage Insulation	1000V
6	Minimum Cage size (L X W X H)	Min. 1400mm X 700mm X 1100 mm
7	Overall crane height in collapsed position	<3.8m
8	Operating Radius of Crane	Min. 8Mtrs
9	Slewing	Max 415 degrees
10	Working Pressure	Max 315 Bar
11	Crane Capacity @ 5 mtrs	3700 Kgs
12	Lifting Height for 3700 Kg load @ 5 Mtrs outreach	3700 Kg Min. @ 5mtrs
13	Auger Diameter	600 mm
14	Auger Spiral Height	250 mm
15	Auger additional Extension	1000 mm
16	Truck & Crane Stability Index	The rated load does not exceed 90% of the tipping load as per IS4573
17	Load Body on Truck (Internal Length)	4800 mm minimum
18	Net available Payload on Truck (excluding crane/ chassis)	7500 Kg minimum
19	Crane Mounting	Behind Cabin

20	Crane Controls	Manual control on both sides of the Crane for easy operation.
21	Outrigger controls	At both side of the truck near crane position.
22	Boom geometry	Collinear booms/Articulation boom (hook, booms in/ straight line with slew center).
23	Crane Painting	Standard colour: Yellow RAL 1023/ Traffic Red RAL 3020. Top quality treat and paint on all crane components on higher value retention and durability – cataphoresis painting process.
24	Lubrication system	Crane should have systems to facilitate centralized greasing.
25	Crane feature for monitoring operation	3"TFT display and ergonomic keyboards, the operator can supervise the crane working and select the parameter for effective use.
26	Smooth operation System	The crane should have additional feature to reduce boom oscillation,

Truck Requirement:

Sl. No.	Particulars	Specification
1	Truck Make	TATA/ Eicher /Ashok Leyland/ Equivalent
2	Emission	BS – VI (ARAI /VRDE)
3	Gross Vehicle Weight	Min. 18000Kg
4	Wheel base	4500mm - 5000mm
5	Cabin	Factory (OEM) built

General Manager (Ele)
BESCOM, QS&S

14/05/25